EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(Keishi near saitoh).in. and	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 14:59
		((iron near (disilicide silicide silicon) "fesi.sub.2" fe same si ".beta.-FeSi.sub.2") and S62 and (pin p-i-n i-lyaer i-type intrinsic) and (photoelectric near transducer solar near (batteries cells) optical near absorption photoelectric near conversion near efficiency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 20:12
L1	35	a-Si:F:H	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:43
L2	0	a-Si:Fe:H	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:43
L3	0	Si:Fe:H	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:43
L4	25	Si:Fe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:45
L5	102	i same iron near silicide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:46

4/16/2007 2:58:17 AM
C:\Documents and Settings\bliu2\My Documents\EAST\Workspaces\Photoelectric transducer, photoelectric transducer apparatus, and ir(

L6	103	(i intrinsic) same iron near silicide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:46
L7	11	(i intrinsic) same iron near silicide and solar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:46
L8	2	(i intrinsic) same iron near silicide and solar and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:47
L9	13748	intrinsic same (fe si iron silicide silicon hydrgrogen) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:48
L10	15837	intrinsic same (fe si iron silicide silicon hydrogen) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:48
L11	1897	intrinsic same (fe si iron silicide silicon hydrogen) and (@ad<"20030116" @rlad<"20030116") and (solar photoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:49
L12	1666	intrinsic same (fe with si iron silicide silicon hydrogen) and (@ad<"20030116" @rlad<"20030116") and (solar photoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:49
L13	1	intrinsic same (fe with si iron with (silicide silicon)) same (h hydrogen) and (@ad<"20030116" @rlad<"20030116") and (solar photoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:50

L14	0	intrinsic same (fe with s iron with (silicide silicon)) same (h hydrogen) and (@ad<"20030116" @rlad<"20030116") and (solar photoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:50
L15	137	(i intrinsic) same (H with si) same (fe iron) and (ad<"20030116" @rlad<"20030116") and (solar photoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:54
L16	137	(i intrinsic) same (H with si) same (fe iron) and (ad<"20030116" @rlad<"20030116") and (solar photoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:58
L17	3	(i intrinsic) same (H with si) same (fe iron) and (ad<"20030116" @rlad<"20030116") and (solar photoelectric) and intrinsic and iron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:59
L18	184	semiconductor and intrinsic and photoelectric and iron and silicon and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:59
L19	1368	(i intrinsic) same (h with si) and (iron fe) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:00
L20	411	(i intrinsic) same (h with si) same (iron fe) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:01
L21	8	(i intrinsic) same (h with si) same (iron fe) and (@ad<"20030116" @rlad<"20030116") and pin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:01

4/16/2007 2:58:17 AM
C:\Documents and Settings\bliu2\My Documents\EAST\Workspaces\Photoelectric transducer, photoelectric transducer apparatus, and ir

Page 3

L22	3	(i intrinsic) same (h with si) same (iron fe) and (@ad<"20030116" @rlad<"20030116") and p-i-n	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:11
L23	411	(i intrinsic) same (h with si) same (iron fe) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:11
L24	318	(i intrinsic) same (h with si) with (iron fe) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:11
L25	253	(i intrinsic) with (h with si) with (iron fe) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:11
L26	1	(i-type intrinsic) with (h with si) with (iron fe) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:11
L27	12	(i-type intrinsic) same (h with si) same (iron fe) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:15
L28	97	(i-type intrinsic) and (h with si) same (iron fe) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:16
L29	1	(i-type intrinsic) and (si:H) same (iron fe) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:49

L30	63	hydrogen with silicon same iron and pin and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:55
L31	313994	ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:55
L32	68724	ppm and iron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:55
L33	7	ppm with iron near silicide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 00:58
L34	33	(hydrogen h) same iron near silicide and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 01:28
L35	1092	FeSi and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 01:29
L36	44	FeSi same (hydrogen h) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 01:49
L37	70	Fe-Si same (hydrogen h) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 01:31

L38	35	("3698964" | "3853544" | "3895939" | "3909250" | "3915697" | "3969151" | "4076525" | "4153454" | "4168188" | "4245698" | "4302247" | "4305755" | "4325748" | "4400225" | "4464209" | "4515914" | "4519537" | "4591393" | "4631095" | "4721536" | "4778651" | "4836869" | "4919885" | "4942922" | "5017246" | "5108518" | "5117874" | "5147602" | "5221374" | "5232520" | "5320687" | "5523540" | "5695576" | "5702539").PN. OR ("6149862").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 01:42
L39	14	(FeSi2 "fesi.sub.2") same (hydrogen h) and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 02:18
L40	0	"5744817".pn. and pin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 02:21
L41	2	"5744817".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 02:22
L42	1	"5744817".pn. and iron and fe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 02:38
L43	2	"4539054".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 02:38
S1	2	("4539054").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 16:23

4/16/2007 2:58:17 AM

Page 6

C:\Documents and Settings\bliu2\My Documents\EAST\Workspaces\Photoelectric transducer, photoelectric transducer apparatus, and ir

EAST Search History

S2	0	("4210463").PN.	JPO	OR	OFF	2006/05/09 16:24
S3	1	("9818167").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 17:03
S4	155	(tamura near akiyoshi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 17:03
S5	0	(tamura near akiyoshi).in. and fesi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 17:03
S6	140	(tamura near akiyoshi).in. and matsushita.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 17:03
S7	2	(tamura near akiyoshi).in. and matsushita.as. and fe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 17:18
S8	6086	(pin or p-i-n) near3 junction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 17:19
S9	9	(i-type or (intrinsic near (region or layer or film))) same (iron and silicon and hydrogen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 15:16
S10	0	("2006/0049478").URPN.	USPAT	OR	ON	2006/05/10 14:01
S11	9	"5401330"	USPAT	OR	ON	2006/05/10 14:03
S12	5	S11 and (iron or fe) and silicon and hydrogen and (i-type i-layer)	USPAT	OR	ON	2006/05/10 14:03

EAST Search History

S13	11	(i-type or (intrinsic near (region or layer or film))) same (iron and hydrogen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 15:17
S14	23807826	@ad<"20030116" @rlad<"20030116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 15:17
S15	7	S14 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 15:20
S16	2	("4539054"|"5401330").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/10/16 15:45
S17	1	("4539054"|"5401330").PN. and iron and hydrogen and silicon	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/10/16 15:20
S18	1	("4539054"|"5401330").PN. and iron and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/10/16 15:20
S19	0	"5291036".pn. and iron and hydrogn	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/10/16 15:45
S20	1	"5291036".pn. and iron and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/10/16 15:47
S21	1	"5291036".pn. and iron	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/10/16 15:45

S22	26943	iron with hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/10/16 15:47
S23	1131	iron with hydrogen with silicon	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/10/16 15:48
S24	816	iron with hydrogen with silicon and i	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB·	OR	ON	2006/10/16 15:48
S25	187	iron with hydrogen with silicon with i	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/10/16 15:56
S26	354	iron with hydrogen with silicon same i	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/10/16 15:48
S27	3	"4539054"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/10/16 16:18
S28	2	("6288415").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/16 16:30
S29	4379	":h"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 16:22
S30	1	":h" same (iron fe) and intrinsic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 16:23

S31	0	"$5:h" same (iron fe) and intrinsic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 16:23
S32	14	$5":h" same (iron fe) and intrinsic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 16:24
S33	1	$5":h" same (iron fe) same i-type and intrinsic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 16:25
S34	14	$5":h" same (iron fe) and intrinsic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 16:25
S35	2657	"fe.sub."$3"si.sub."$3":h" (hydrogen $9":h") same (iron fe) and intrinsic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 16:27
S36	3	"fe.sub."$3"si.sub."$3":h"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 16:27
S37	6	"fe.sub."$3"si.sub."$3 same hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 16:28
S38	4	(("5401684") or ("4946801") or ("4921817") or ("4902356")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/10/16 21:21

4/16/2007 2:58:17 AM

Page 10

C:\Documents and Settings\bliu2\My Documents\EAST\Workspaces\Photoelectric transducer, photoelectric transducer apparatus, and ir

S39	0	S38 and hydrogen and (iron fe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 16:31
S40	0	S38 and(iron fe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 16:31
S41	0	S38 and (iron fe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 16:31
S42	8100	photoelectric near transducer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 21:21
S43	21	photoelectric near transducer and silicon and iron and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 21:21
S44	3	photoelectric near transducer and silicon and iron and hydrogen and "214"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 22:01
S45	23807826	@ad<"20030116" @rlad<"20030116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 21:21
S46	14	photoelectric near transducer and silicon and iron and hydrogen and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 21:32

4/16/2007 2:58:17 AM

Page 11

C:\Documents and Settings\bliu2\My Documents\EAST\Workspaces\Photoelectric transducer, photoelectric transducer apparatus, and ir

EAST Search History

S47	· 6	photoelectric near transducer and silicon and iron and hydrogen and S45 and (intrinsic i-type)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 21:41
S48	122	silicon same iron same hydrogen and S45 and (intrinsic i-type)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 21:42
S49	12	si near fe near h	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 21:48
S50	3490	si with fe with h not S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 21:48
S51	32	si with fe with h not S49 and photoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 21:48
S52	8813	photoelectric near transducer iron adj (disilicide silicide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 22:02
S53	8292	photoelectric near transducer iron adj (disilicide silicide) and S45 and (hydride hydrate hydrogen h ":h")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 22:03
S54	0	photoelectric near transducer and iron adj (disilicide silicide) and S45 and (hydride hydrate hydrogen h ":h")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 22:04

4/16/2007 2:58:17 AM

Page 12

C:\Documents and Settings\bliu2\My Documents\EAST\Workspaces\Photoelectric transducer, photoelectric transducer apparatus, and ir(

S55	0	photoelectric near transducer and iron adj (disilicide silicide) and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 22:04
S56	520	iron adj (disilicide silicide) and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 22:05
S57	5	(iron adj (disilicide silicide) "fesi. sub.2") and S45 and pin and (i-layer i-type intrinsic) and (hydrogen h ":h") and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 22:06
S58	6	(iron adj (disilicide silicide) "fesi. sub.2") and S45 and (pin p-i-n) and (i-layer i-type intrinsic) and (hydrogen h ":h") and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 11:58
S59	45	iron near silicide and hydrogen and bonding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 22:19
S60	4	iron near silicide and hydrogen and bonding near defect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 22:19
S61	0	iron near silicide and hydrogen and bonding near defect and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 22:19
S62	23809549	@ad<"20030116" @rlad<"20030116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 11:58

S63	23	(iron adj (disilicide silicide) "fesi. sub.2") and S62 and (i-layer i-type intrinsic) and (hydrogen h ":h") and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 11:58
S64	23	(iron adj (disilicide silicide) "fesi. sub.2") and S62 and (i-layer i-type intrinsic) and (hydrogen h ":h")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 12:09
S65	0	(iron adj (disilicide silicide) "fesi. sub.2") same (i-layer i-type intrinsic) same (hydrogen h ":h") and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 12:10
S66	17	(iron adj (disilicide silicide) "fesi. sub.2" fe same si) same (i-layer i-type intrinsic) same (hydrogen h ":h") and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 12:10
S67	64	(iron adj (disilicide silicide) "fesi. sub.2" fe same si) same (i-layer i-type intrinsic) and (hydrogen h ":h") and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 12:12
S68	2	("20060049478").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 12:11
S69	64	(iron adj (disilicide silicide) "fesi. sub.2" fe same si ".beta.-FeSi.sub. 2") same (i-layer i-type intrinsic) and (hydrogen h ":h") and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 12:12
S70	66	(iron adj (disilicide silicide silicon) "fesi.sub.2" fe same si ".beta.-FeSi. sub.2") same (i-layer i-type intrinsic) and (hydrogen h ":h") and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 12:12

S71	69	(iron near (disilicide silicide silicon) "fesi.sub.2" fe same si ".beta.-FeSi.sub.2") same (i-layer i-type intrinsic) and (hydrogen h ":h") and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 12:17
S72	0	(iron near (disilicide silicide silicon) "fesi.sub.2" fe same si ".beta.-FeSi.sub.2") same (hydrogen h ":h") same bonding near defect and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 12:18
S73	244	((iron near (disilicide silicide silicon) "fesi.sub.2" fe same si ".beta.-FeSi.sub.2") same (hydrogen h ":h") "fe.sub.x.si.sub.y.:h") same (bonding near defect bonding defect dangling near bonds dangling dangle bond crystallinity) and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 12:20
S74	55	((iron near (disilicide silicide silicon) "fesi.sub.2" fe same si ".beta.-FeSi.sub.2") same (hydrogen h ":h") "fe.sub.x.si.sub.y.:h") same (bonding near defect bonding defect dangling near bonds dangling dangle bond crystallinity) and S62 and (pin p-i-n i-lyaer i-type intrinsic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 12:26
S75	55	((iron near (disilicide silicide silicon) "fesi.sub.2" fe same si ".beta.-FeSi.sub.2") same (hydrogenated hydrogen h ":h") "fe.sub.x.si.sub.y.:h") same (bonding near defect bonding defect dangling near bonds dangling dangle bond crystallinity) and S62 and (pin p-i-n i-lyaer i-type intrinsic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 12:47
S76	176	((iron near (disilicide silicide silicon) "fesi.sub.2" fe same si ".beta.-FeSi.sub.2") and S62 and (pin.p-i-n i-lyaer i-type intrinsic) and (photoelectric near transducer solar near (batteries cells) optical near absorption photoelectric near conversion near efficiency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 13:03
S77	20	((iron near (disilicide silicide silicon) "fesi.sub.2" and ".beta.-FeSi.sub.2") and S62 and (pin p-i-n i-lyaer i-type intrinsic) and (photoelectric near transducer solar near (batteries cells) optical near absorption photoelectric near conversion near efficiency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 13:06

S78	12	((iron near (disilicide silicide silicon) "fesi.sub.2" and ".beta.-FeSi.sub.2") and S62 and (pin p-i-n) and (photoelectric near transducer solar near (batteries cells) optical near absorption photoelectric near conversion near efficiency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 13:41
S79	3	("5741615").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 13:35
S80	9	((iron near (disilicide silicide silicon) "fesi.sub.2" and ".beta.-FeSi.sub.2") and S62 and (pin p-i-n) and (photoelectric near transducer solar near (batteries cells) optical near absorption photoelectric near conversion near efficiency)) and amorphous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 14:22
S81	3	"5741615".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 14:33
S82	1	"5741615".pn. and pin and p-i-n and hydrogen and iron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 14:34
S83	1	"5741615".pn. and pin and p-i-n and hydrogen and iron and fe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 14:59
S84	93	(Keishi near saitoh).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 14:59
S85	91	(Keishi near saitoh).in. and canon. as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 15:02

4/16/2007 2:58:17 AM
C:\Documents and Settings\bliu2\My Documents\EAST\Workspaces\Photoelectric transducer, photoelectric transducer apparatus, and irc

Page 16

S86	5	(Keishi near saitoh).in. and canon. as. and iron and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 15:04
S87	4	(Keishi near saitoh).in. and canon. as. and iron and hydrogen and fe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 16:22
S88	2	"5417770".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 16:22
S89	3	"5741615".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:56
S90	2	"6372569".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:00
S91	2	("20060102955").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 16:00
S92	0	S91 and contact near etch near stop near layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:00
S93	0	S91 and contact near etch near stop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:00

S94	0	S91 and etch near stop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:01
S95	2	S91 and etching near stop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:02
S96	28	contact near (etching etch) near stop same (tensile compressive compressing) and mosfet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:03
S97	23810270	@ad<"20030116" @rlad<"20030116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:03
S98	3	contact near (etching etch) near stop same (tensile compressive compressing) and mosfet and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:06
S99	57	(etching etch) near stop same (tensile compressive compressing) and mosfet and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:07
S100	10	(silicon near nitride sin) same (etching etch) near stop same (tensile compressive compressing) and mosfet and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:07
S101	7	(silicon near nitride sin) same (etching etch) near stop near layer same (tensile compressive compressing) and mosfet and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:31

S10 2	0	20020081794.pn/ and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:31
S10 3	1	"20020081794".pn. and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:46
S10 4	3	"6501134".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:51
S10 5	3079	(dielectric spacer) with (angstrom nm nannometer) and mosfet and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:51
S10 6	84	(dielectric with spacer) with (angstrom nm nannometer) and mosfet and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:53
S10 7	100	(dielectric with spacer) with (angstrom nm nanometer) and mosfet and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:53
S10 8	55	(dielectric with spacer) with (angstrom nm nanometer) and mosfet and S97 and silicide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:53
S10 9	54	(dielectric with spacer) with (angstrom nm nanometer) and mosfet and S97 and silicide and gate and substrate and source and drain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 17:00

S110	174	(dielectric insulator insulating insulation) with spacer with (angstrom nm nanometer) and mosfet and S97 and silicide and gate and substrate and source and drain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 17:38
S111	1	"6274446".pn. and (nanometer angstrom)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 17:17
S112	2	"6228731".pn. and spacer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 17:17
S113	2	"6274446".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 20:44
S114	2	"20020130378"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 20:56
S115	16	("20020081794"|"20020130378"|"20050116360"|"20050116380"|"6274446"|"6642119"|"6753574"|"6812073").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 20:56
S116	8	("20020081794"|"20020130378"|"20050116360"|"20050116380"|"6274446"|"6642119"|"6753574"|"6812073").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/10/19 20:56
S117	103987	(solar near cell) or photocell or (photoelectric near transducer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 20:12

4/16/2007 2:58:17 AM

Page 20

C:\Documents and Settings\bliu2\My Documents\EAST\Workspaces\Photoelectric transducer, photoelectric transducer apparatus, and in

S11 8	1073	((pin or p-i-n) near junction) same amorphous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 20:13
S11 9	9	(iron near silicide) same (composition near ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 20:13
S12 0	781	iron near silicide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 20:13
S12 1	10	S117 and S118 and S120	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 20:13
S12 2	5384	257/53,458,e31.061,e27.124-e27.126.ccls. 136/258,261.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 20:14
S12 3	1	S121 and (@ad<"20030116" @rlad<"20030116")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 23:42